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Author's guide

CHEMTECH's manuscript selection criteria

Most CHEMTECH manuscripts are still solicited, though this is not by design. *We welcome voluntary submissions of broad appeal to mission-oriented technologists.* The main criterion of selection is a positive answer to either of two questions (or, preferably, both):

- Will the paper help a lot of technologists do their jobs better, more creatively, more efficiently and, in short, help bring science rapidly and sensitively into the social sphere?
- Will this paper spark and help satisfy the innate curiosity of chemistry-oriented professionals and lead them readily into unanticipated areas of exploration?

It is thus apparent that full technical papers, though valued most, are not the only kinds sought. It should also be apparent that prior publication is not a block to acceptance by CHEMTECH. The crucial point is whether the prior report is readily *accessible* to a polydisciplinary group who often are unaware that a particular piece of work could be valuable beyond its primary target.

We welcome reader recommendations of areas CHEMTECH should cover and/or authors to contact. *If you've come across work that has stimulated your thinking, please tell us about it.*

CHEMTECH's style

We have no fixed style criteria beyond a design to publish manuscripts that are easily read. Because we are now inundated with high-quality, timely manuscripts, we ask authors to be as terse as possible, consistent with our mission:

- To generate an awareness and interest but not necessarily expertise. Given the first two, and a good bibliography, expertise will follow.

As a style guide we recommend Strunk and White's "Elements of Style", Macmillan, New York, N.Y., 1959, 71 pp, paper $1.65. We also recommend use of a tape recorder for generating the first draft and a determined effort to eliminate jargon and verbiage that do not strengthen the argument. Deleting words such as *very, really,* and often *the* and *and* adds surprisingly to crispness. "In other words" often signals a redundant paragraph; inclusion of authors' names in the text, though polite, seldom helps the reader. Active, crisp, first-person case history reportage does. So do charts, graphs, flow sheet diagrams, and photographs (see below).

Reading through an issue of CHEMTECH before setting out to write often helps authors set tone and level of their manuscripts. Rendering complex concepts simple is difficult but, oh, so rewarding.

Literature references should be numbered and listed in order of reference in text. They should be listed by author, patentee, or equivalent. In the text, just the number should be used or the name should be followed by the number. "Anonymous" is not acceptable for authorship. If the author is unknown, list the reference by company, agency, or journal source. Do not list references as "in press" unless they have been formally accepted for publication. Give complete information, using abbreviations for titles of periodicals as in the Chemical Abstracts Service Source Index, 1975.

For periodical references to be considered complete, they must contain authors' surnames with initials, journal source, volume number, issue number (if any), the first and last page numbers of the article, and the year of issue. State if a reference is in a language other than English.

Graphics

In general, graphs are preferable to tables if precise data are not required. When tables are submitted, however, they should be numbered consecutively in Arabic numeral style in order of reference in the text. Double space with wide margins, and prepare tables in a consistent form, each on a separate 8½ × 11 sized sheet.

Original drawings or sharp glossy prints of graphs, charts, and diagrams are acceptable. All lines, lettering, and numbering should be sharp and unbroken. If coordinate paper is used, use blue cross-hatch lines as no other color will "screen out".

Typed lettering does not reproduce well; use black india ink and a lettering set for all lettering, numbers, and symbols. On 8 × 10 in. copy, lettering should be at least ½ in. high and 0.017 in. thick—for example, with a Leroy lettering set, use template 120C and pen No. 0. Lettering on copy of other sizes should be in proportion. Label ordinates and abscissas of graphs along the axes and outside the graph proper. Do not use pressed wax lettering as it will rub off easily in handling.

Photographs should be supplied in glossy print form, as large as possible, but preferably within the frame of 8 × 10 in. Sharp contrasts are essential.

Number all illustrations consecutively by using Arabic numerals in the order of reference in the text. On a separate sheet, include a typed list of captions and legends for all illustrations.

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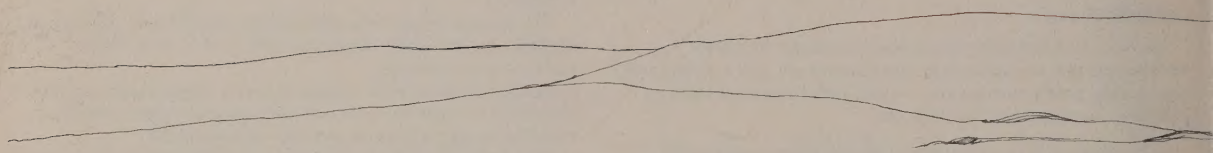
A remembrance on the passing of a centennial

MacKinlay Kantor



He was lengthy on guard and his elbows ached from holding his piece, then his feet began to ache, then his shoulders. He was accustomed to this. Primarily his shoulders were iced first although you couldn't feel weariness and droop, then they began to sag away from the cold, then they hurt. He discovered that his shirt had drifted down around his waist and he pulled it up and bunched it so that he would be warmer. It was odd the way you were comparatively warm if your shoulders were warm. He had seen drawings of Britishers who wore heavy knitted scarves around their necks, and no coats at all. Maybe that was the reason. It was not actually snowing. Frost drifted off trees and seemed blowing down from Mount Joy and got in the way of your eyesight and you had to blink and ponder with your eyes if your eyes could be said to ponder, to discern and estimate motion or approach. He saw people leave a distant cabin, go away, and saw another man come back to another cabin but no critter moved, all else seemed inanimate. He heard horses' hooves tromping a few times and did hear some horses talking and saying that they didn't like this situation at all. One of their cronies was dead now. He had fallen and drooped, lay close to the ground just before daylight ended, and several men who were wise in the management of horses came and examined him. Then an officer came and there was conference, and a single shot rapped out, hard and echoing, and the horse seemed to sink lower in his posture. So now here close to sunrise (if there had existed sun behind this drifting chill), the horse lay as if praying for himself and his brothers and all other horses to come and suffer in the future. There he lay.

At first approaching hooves seemed phantom but truly this new beast was well-shod and the clinking rang sharp and true. Conger put his rifle into position and a figure bloomed icily moving, and was on a whitish horse, and tall.

Conger rattled out the formula. Halt Who Goes There.

Friend.

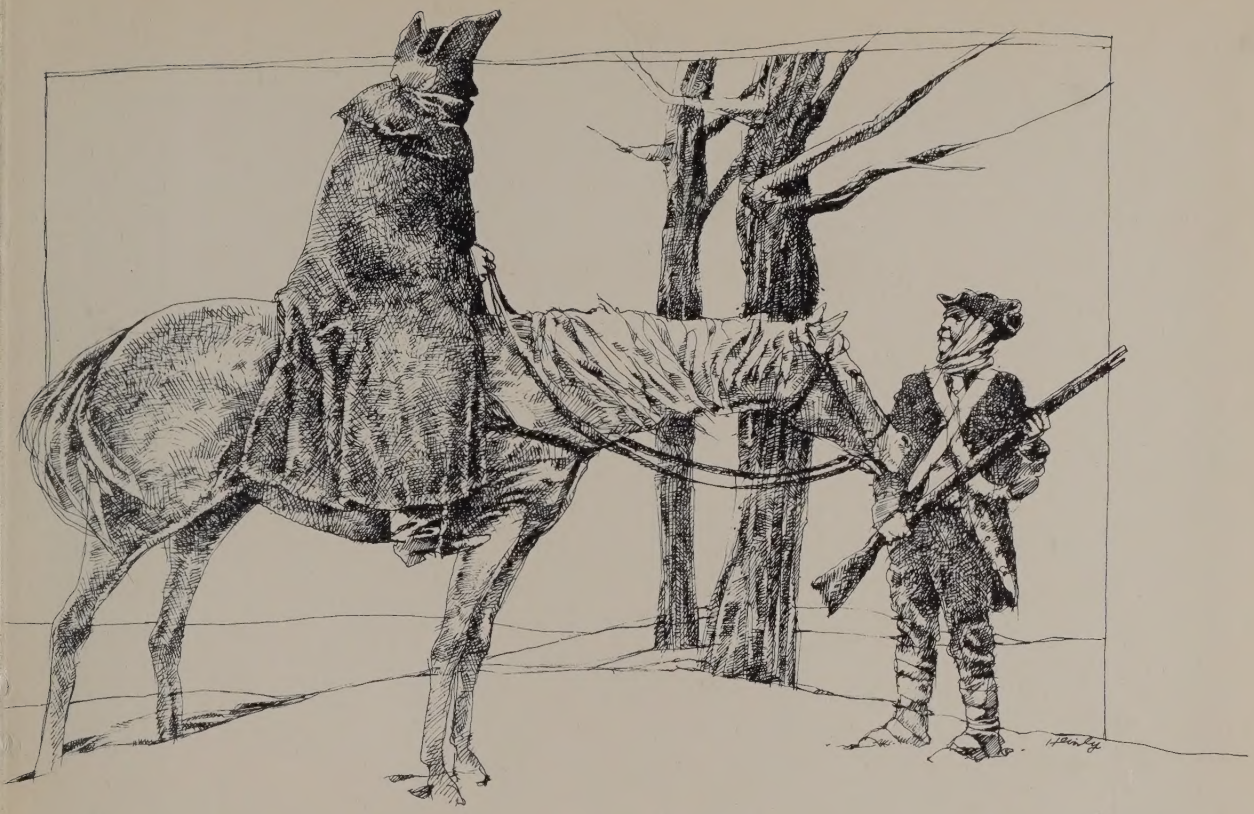
Advance, Friend, and be recognized.

(Except naturally he said *reckernized.*)

The man on the horse said, Shem and Ham.

Conger said Ham and Pease. Then he shivered. With faltering voice he said weakly, Your Excellency.

In truth it was Zexcellency and he looked so calm and all-knowledgeable. Washington sat there on his horse and the horse blew half-frozen moisture from



its nose. Washington's hand automatically came up on the rein and then lay back again.

Conger said, Your Excellency, I was with you. When we tried for Fort Duquesne.

Zexcellency said, You seem overyoung for that, my boy. What is your unit?

Now Sixteenth Pennsylavania Reserves from York County. I was a waggoner.

Your name, my boy?

Conger told him. I was a waggoner when we went to the Monongahela.

At what age?

I was fourteen.

And proud to be above thirteen, no doubt.

Yessir, Your Excellency.

Zexcellency said, I seem now to recall that General Braddock wrote in one of his reports—nay, 'twas in a letter. He wrote, *In every instance, but in my contract for the Pennsylvania Waggons, I have been deceived, and met with nothing but lies and villainy.* 'Twas well said. That is high praise for a younger.

Yes, Your Excellency.

Again Zexcellency spoke to him and yet the soldier could not have told anyone what he said or mentioned any word he himself had spoken in reply. He was so taken by the study of his commander, so admiring and enthralled, he'd seen him pass, he remembered seeing him ride, he had not seen him shoot, he had heard the fire, and all he could think now consciously was a Man, a Man! He peered up into that face, he thought it snowbound. The eyes looked out under the large brows as any eyes of a commanding officer must gaze, eyes that said, As your commander, I hold your life in my hands. I will not dispense it needlessly, but there will be mistakes. The military leader who does not learn at the onset that others have made mistakes and he himself will be guilty of them, does not deserve the title Commander. Nevertheless I will conduct my portion of this war as seemly as I may, but I expect those subordinate to me to do the same.

He had the notion that Zexcellency's expression was not grim in an intent of conducting war against his own people. It was grim in contemplation of the pains which must come to his people. If a leader be not dedicated to the mastery and welfare of his own tribe, then he is no true leader in any sense. Conger thought suddenly that this man had been appointed by God as well as self to command. The nose on his countenance was large and long and strong. The mouth was wide and strong. The teeth within it were not strong at all. He wanted to say, Do you have false teeth implanted, Your Excellency? and nothing would have been more ludicrous than to mention that. The false teeth would not be here for another seven or eight years.

That—that—that is a beautiful horse, Your Excellency.

His name is Blueskin.

Howdy, Blueskin, said the sentry, and Blueskin blew out through his nose in reply.

I must away on my rounds, Sentry, and dawdle no more.

God Bless you, Your Excellency.

Washington went away without another word, and the sentry watched him go until he could not estimate disturbance in the blowing mist any longer and until even the pricking clang of Blueskin's motion had vanished too. He started thinking impressive thoughts about commanders, subordinates, and all the pageant of their lives, and the majesty of his own contemplation overwhelmed him and he felt ready to cry, and did cry a little, though the tears were frosted between his eyelids and he had to blink.

Quoted with permission from Mr. Kantor's "Valley Forge", Ballantine Books, 1975.

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